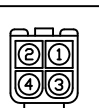


PIN	FUNCTION	COLOR
1	BRAKE (+)	RED
2	BRAKE (-)	BLUE



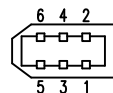
Connector Detail (Brake Wire)

PIN	FUNCTION	COLOR
1	MOTOR U	YELLOW
2	MOTOR V	RED
3	MOTOR W	BLACK
4	MOTOR PE±	YELLOW/GREEN

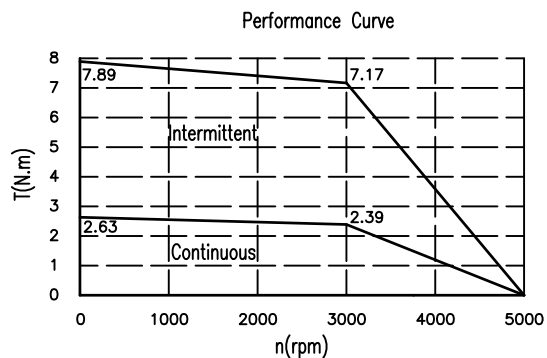
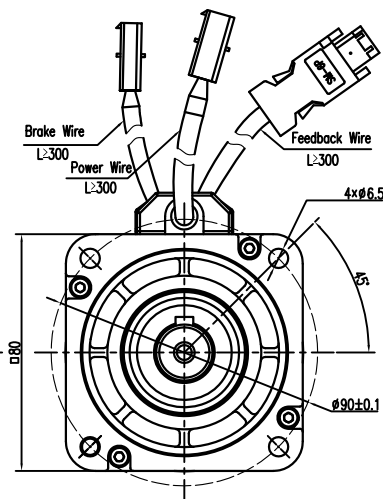
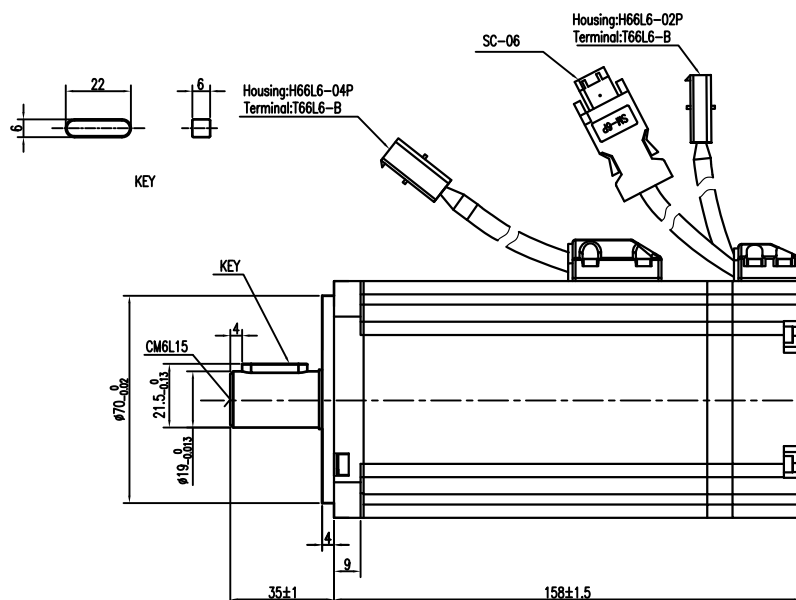


Connector Detail (Power Wire)

PIN	FUNCTION	COLOR
1	VCC +5V	WHITE
2	GND	BLACK
3	VB	ORANGE
4	GND	BROWN
5	SD	BLUE
6	/SD	PURPLE



Connector Detail (Feedback Wire)



SN: Z2BUKOSYDDNNNN

Brake Data

Static friction	2.5N.m
Voltage	24VDC
Power	8W

Tecnical Data

No. of poles	6	
DC Link Voltage U_{dc} (DC Link)	300	
Rated Power P_N (W)	750	
Rated Torque T_N (N.m)	2.39	
Rated Speed n_n (rpm)	3000	
Rated Current I_N (A)	3.8	
Maximum torque T_m (N.m)	7.17	
Maximum Current I_m (A)	11.4	
Standstill torque T_s (N.m)	2.63	
Standstill current I_s (A)	4.2	
Resistance line-line R_L (Ω)	2.1	
Inductance line-line L_L (mH)	10.5	
Electrical time constant τ_e (ms)	5	
Mechanical time constant τ_m (ms)	0.9	
Voltage constant K_e (V/krpm)	40	
Torque constant K_t (Nm/A)	0.662	
Rotor moment of inertia J_m (Kg.cm ²)	1.099	
Max. voltage rising du/dt (KV/ μ s)	8	
Insulation class	F	
Max. radial force F_r (N)	335	
Max. axial force F_a (N)	167.5	
Weight(Kg)	3.4	
Feed back device	MAR-MX50AHN00	
Temperature sensor	n.a.	
Cooling method	Totally enclosed non-ventilated	
protection level	IP65,shaft sealing IP54	
Vibration	10~150(Hz) 0.35mm or 50m/s ² 10 time 30min	
Shock	150m/s ² 11ms Half sine 3 time	
Dynamic balance grade	G2.5	
Environmental conditions	Temperature	-20℃~40℃
	Humidity	Below 90%RH (No dewing)
	Environment	Far away active gas,combustible gas,oil drop,ash
	Installation altitude	UP TO 1000m:rated power, above 1000m:1.5% power decreasing per 100m,max.4000m
Rating conditions	Mounting	Aluminum flange 255x255x8mm
	Temperature	60K housing temperature ring at 40℃ ambient

VL 2	KA190172	YJL	SL	2019.9.3	DESIGN	DATE	P/N
REV	ECN NO.	DRN	APP'D	DATE	YJL	2018.12.21	9.5554SS
UNLESS OTHERWISE SPECIFIED				MATERIAL	CONTR.	CHECK	TITLE
TOLERANCES						ZB	Outside Drawing
DECIMALS:						APPD	USED ON
X ±1						SL	SMS80S-0075-30KBK-3LSU
.X ±0.5							DWG NO.
.XX ±0.25							REV
.XXX ±0.1							V1.2
UNIT: mm				FIRST ANGLE PROJECTION		SCALE	Kinco
DO NOT SCALE DRAWING						SHEET OF	